OIPE

RAW SEQUENCE LISTING

DATE: 04/23/2001 TIME: 13:06:33

PATENT APPLICATION: US/09/826,210

Input Set : A:\seqlist 1503 0220003.txt
Output Set: N:\CRF3\04232001\I826210.raw

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5 <110> APPLICANT: Springer, Barry A.
              Pantoliano, Michael W.
              Sharp, Celia M.
     13 <120> TITLE OF INVENTION: Analogs of Human basic Fibroblast Growth Factor
     17 <130> FILE REFERENCE: 1503.0220003
C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/826,210
C--> 21 <141> CURRENT FILING DATE: 2001-04-05
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     21 <150> PRIOR APPLICATION NUMBER: US 09/220,077
     23 <151> PRIOR FILING DATE: 1998-12-23
     26 <150> PRIOR APPLICATION NUMBER: US 60/068,667
     28 <151> PRIOR FILING DATE: 1997-12-23
     32 <160> NUMBER OF SEQ ID NOS: 4
     36 <170> SOFTWARE: PatentIn version 3.0
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     42 <211> LENGTH: 483
     44 <212> TYPE: DNA
     46 <213> ORGANISM: Homo sapiens
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     54 <222> LOCATION: (1)..(474)
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     63 gag gat ggc ggc agc ggc gcc ttc ccg ccc ggg cac ttc aag gac ccc
                                                                              96
     64 Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His Phe Lys Asp Pro
    65
                    20
                                        25
                                                            30
     67 aag egg etg tae tge aaa aae ggg gge tte tte etg ege ate eae eee
                                                                             144
     68 Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro
                                    40
    71 gac ggc cga gtt gac ggg gtc cgg gag aag agc gac cct cac atc aag
                                                                             192
    72 Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys
                                55
    73
                                                    60
    75 cta caa ctt caa gca gaa gag aga gga gtt gtg tct atc aaa gga gtg
                                                                             240
       Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val
                            70
                                                75
    79 tgt gct aac cgg tac ctg gct atg aaa gat ggt cga ctg ctg gct
                                                                             288
    80 Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala
    83 tot aaa tgc gtt acc gat gag tgc ttc ttc ttc gaa cgt ctc gag tct
                                                                             336
    84 Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Glu Arg Leu Glu Ser
    85
                   100
                                        105
                                                            110
    87 aac aac tac aac acc tac cqt tcq aga aaa tac acc agt tqq tat qtq
                                                                             384
    88 Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Thr Ser Trp Tyr Val
               115
                                   120
                                                        125
    91 gca ctt aag cgt acc ggt cag tac aaa ctt ggt tct aag acg ggc cca
                                                                             432
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92 Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro

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93
      130
                           135
                                               140
95 ggt cag aaa gct atc ctg ttc ctg ccg atg tct gct aaa tct tgaggatcc
96 Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala Lys Ser
97 145
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120 Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro
           35
                                40
124 Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys
128 Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val
                        70
                                            75
132 Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala
                                        90
                    85
136 Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu Arg Leu Glu Ser
                                    105
                                                        110
                100
140 Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Thr Ser Trp Tyr Val
                                                    125
           115
                                120
144 Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro
145 130
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148 Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala Lys Ser
149 145
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163 ctggctatga aggaagatgg aagattactg gcttctaaat gtgttacgga tgagtgtttc
165 ttttttgaac gattggaatc taataactac aatacttacc gctcgagaaa atacaccagt
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167 tggtatgtgg cacttaagcg taccggtcag tacaagcttg gttctaaaac gggcc
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174 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
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182 <221> NAME/KEY: misc_feature
184 <223> OTHER INFORMATION: T7 peptide
188 <400> SEQUENCE: 4
190 Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly
191 1
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VERIFICATION SUMMARY
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L:21 M:270 C: Current Application Number differs, Replaced Current Application No L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date